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SOURCE Szabad Nep.

MIX ACID TAR WITH COAL
FOR FUEL AT HUNGARIAN BRICK FACTORY

TRY SUBSTITUTE FOR HIGH-GRADE COAL-- Budapest, Szabad Nep, 28 Dec 52

An experiment recently conducted at the Ujlaki Teglagyar (Ujlak Brick Factory) indicates that acid tar /or resin/, previously considered a waste material, can be used as a substitute for high-grade coal when mixed in the proper ratio with coal of low calorific value.

Because of the coal shortage, the brick industry has been fueling with extremely low-grade coal which caused many production setbacks.

The experiment consisted of mixing the coal in two of the firing chambers with 10 percent acid tar. Despite the cold, humid weather, the damp bricks were burned much more quickly. In 24 hours the two experimental chambers had fired 9,000 more bricks than the others.

The new fuel mixture will be tested in a series of chambers next, and its use is to be extended to five kilns in January if it proves successful. The new process is expected to increase production by 8 million bricks in 1953 and to save 400 carloads of high-grade coal.

Acid tar has been accumulating at the Csepel and Almasfuzito mineral oil refineries since 1927. Stored in pits, it has long been considered a liability despite the fact that its average calorific value ranges between 4,000 and 6,000 calories.

At present, there are about 20,000 tons of acid tar in the country, and the quantity is increasing constantly.

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COAL OUTPUT UNUSABLE -- Budapest, Szabad Nep, 9 Jan 53

The output of the Tatabanyai Szenbanyaszati Troszt (Tatabanya Coal Mining Trust) contained 0.29 percent more incombustible matter than the permissible maximum of 0.50 percent.

This meant that 2,900 tons of coal were unusable, and production and shipping costs were greatly increased.

The current cost of shipping one carload (15 tons) of coal from Tatabanya to Kelenfold Station in Budapest is 384 forints.

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